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(Refund)PTO/SB/64 (07-05)  
Approved for use through 07/31/2008, OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT</b>		Docket Number (Optional)
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)		

First named Inventor: Sergey V. Bortkevitch

Application No.: 10/682,286

Art Unit: 1724

Filed: 10/10/2003

Examiner: Bushay, Charles S

Title: "Method and Apparatus for Enhanced Oil Recovery by  
Injection of a Micro-Dispersed Gas-Liquid Mixture into the  
Oil-Bearing Formation"Attention: Office of Petitions  
Mail Stop PetitionCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
FAX (571) 273-8300NOTE: If information or assistance is needed in completing this form, please contact Petitions  
Information at (571) 272-3282.The above-identified application became abandoned for failure to file a timely and proper reply to a notice or  
action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration  
date of the period set for reply in the office notice or action plus an extension of time actually obtained.**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

## 1. Petition fee

 Small entity-fee \$ 750.00 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.
 Other than small entity - fee \$ \_\_\_\_\_ (37 CFR 1.17(m))

## 2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in  
the form of \_\_\_\_\_ (identify type of reply):
 has been filed previously on \_\_\_\_\_  
 is enclosed herewith.
B. The issue fee and publication fee (if applicable) of \$ 1,000.00  
 has been paid previously on \_\_\_\_\_  
 is enclosed herewith.

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[Page 1 of 2]

83-EC-2453

750.00 OP

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PAGE 2/12 \* RCVD AT 1/25/2006 8:54:33 AM [Eastern Standard Time] \* SVR:USPTO-EPXRF-6/29 \* DNI:2738300 \* CSID:9723814201 \* DURATION (mm:ss):05:32

Adjustment date: 02/10/2006 CKHLOK  
 02/02/2006 SSANDAR1 00000001 10682286  
 01 FC:1504 -300.00 OP  
 02 FC:2501 -700.00 OP

Refund Ref:  
 02/10/2006 0030028825

Credit Card Refund Total: \$1750.00

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UNITED STATES PATENT & TRADEMARK OFFICE  
Washington, D.C. 20231

REQUEST FOR PATENT FEE REFUND

1 Date of Request:	2 Serial/Patent #	101682,286		
3 Please refund the following fee(s):		4 PAPER NUMBER	5 DATE FILED	6 AMOUNT
<input type="checkbox"/> Filing				\$
<input type="checkbox"/> Amendment				\$
<input type="checkbox"/> Extension of Time				\$
<input type="checkbox"/> Notice of Appeal/Appeal				\$
<input checked="" type="checkbox"/> Petition				\$ 750.00
<input checked="" type="checkbox"/> Issue : <i>Pub fee</i>	—	1/25/06		\$ 100.00
<input type="checkbox"/> Cert of Correction/Terminal Disc.				\$ 300.00
<input type="checkbox"/> Maintenance				\$
<input type="checkbox"/> Assignment				\$
<input type="checkbox"/> Other				\$
		7 TOTAL AMOUNT OF REFUND	\$ 1750.00	
		8 TO BE REFUNDED BY:	<i>Credit Card</i>	
10 REASON:		Treasury Check		
<input type="checkbox"/> Overpayment		Credit Deposit A/C #:		
<input checked="" type="checkbox"/> Duplicate Payment		9	—	
No Fee Due (Explanation):				
11 REFUND REQUESTED BY:				
TYPED/PRINTED NAME: <i>Andrea Smith</i>		TITLE: <i>Pats-Examiner</i>		
SIGNATURE: <i>Smith</i>		PHONE: <i>571-272-3226</i>		
OFFICE: <i>QC of Petitions</i>				
***** THIS SPACE RESERVED FOR FINANCE USE ONLY *****				
APPROVED: <i>Davy Klet</i>		DATE: <i>21/10/06</i>		

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:

Office of Finance  
Refund Branch  
Crystal Park One, Room 802B

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Type: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby verify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Definite's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/682,286 10/10/2003 Sergey V. Bortke Keutich

TITLE OF INVENTION:  
 Method and Apparatus For Enhanced Oil Recovery by Injection of a Micro-Dispersed Gas-Liquid Mixture into the Oil-Bearing Formation

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
Utility	yes	700 <sup>00</sup>	300 <sup>00</sup>	\$1000 <sup>00</sup>	

EXAMINER	ART UNIT	CLASS-SUBCLASS
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Bushay, Charles S 1724

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.503).

 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_

SAANDAR1 00000001 10682286

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

 Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form FTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Bill Wooden

Date October 18, 2005

Typed or printed name

Bill Wooden

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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 or Fax (571) 273-2885

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**Certificate of Mailing or Transmission**  
 I hereby verify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/682,286 10/10/2003 Sergey V. Bortko Keutich

## TITLE OF INVENTION:

Method and Apparatus For Enhanced Oil Recovery by Injection of a Micro-Dispersed Gas-Liquid Mixture into the Oil-Bearing Formation

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EXAMINER	ART UNIT	CLASS-SUBCLASS
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Bushay, Charles S 1724

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## 2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_

(2) the name of a single firm having as a member a registered attorney or agent and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_

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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

81 FC:1504 388.00 00  
82 FC:2581 788.00 00Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

## 4a. The following fee(s) are enclosed:

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## 4b. Payment of Fee(s):

 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form FTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

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 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  
 NOTE: The Issue Fee and Publication Fee (if any) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Jeff Woollen

Date October 18, 2005

Typed or printed name

Jeff Woollen

Registration No. \_\_\_\_\_

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